

## ABSTRACT

The present invention relates to methods of modulating cell migration, particularly, monocyte, neutrophil or macrophage migration, using galectin-3, galectin-3 binding polypeptide, or galectin-3 receptor binding polypeptide. Specifically provided are methods  
5 for increasing cell migration to sites of inflammation, infection or a tumor. Also provided are methods for identifying agents that modulate galectin-3 mediated migration, compositions containing galectin-3 or a functional subsequence thereof, and microfabricated devices that deliver galectin-3 or functional galectin-3 subsequences.